

comprising a grid cylinder 40, a squeegee 33 and a pair of pinch rolls 34-35 for the application of additives, such as emulsifiers, wetting agents or sticking agents, to the insert 3. After the insert 3 passes over the deflector roll 4 the formation of a tube 6 with an overlapping longitudinal seam 38 (see Fig. 4a) takes place in the shaping section 5 by means of a forming shoulder not shown.

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[Line 25, delete paragraph in its entirety and insert paragraph.] The tube 6 and the film tube 10 which it forms is made by a vertically descending spinning. For this, the tube 6 passes through the ring nozzle 21 in the nozzle block 7 through the gap of which the cellulose-NMMO solution is extruded onto the envelope 6 to complete the formation of the film tube 10. First the longitudinal seam on the envelope 6 is cemented ahead of the nozzle block 7 by a cementing system 25 shown more in detail in Figures 4a and 4b; straight NMMO or cellulose-NMMO solutions serve as the adhesive at temperatures between 15 and 110°C, especially the temperature of the cellulose-NMMO solution that is to be applied.--

IN THE CLAIMS:

Please amend the claims as follows:

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1. (Amended) Method for the production of a film tube on a cellulose basis, which is strengthened by an insert, by extruding an aqueous cellulose-N-methylmorpholine N-oxide (NMMO) solution onto the insert, which is drawn from a roll and formed into a tube with overlapping longitudinal seam, characterized in that the tube passes through a heating section situated ahead of the nozzle block and communicating therewith, in which the insert is preheated with hot air to the temperature of the extruded cellulose-NMMO solution, and then the seam is cemented with pure NMMO or cellulose-NMMO solution, and the tube is then carried through the nozzle block in which the cellulose-NMMO solution is applied to the tube and penetrates it, in order to obtain an insert-reinforced film tube, that the interior of the film tube is filled with an aqueous NMMO solution, and that the film tube exits from the nozzle block and enters into a spin

bath, is turned about in the latter and is carried out.

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2. (Amended) Method according to claim 1, characterized in that emulsifiers, wetting agents and/or anchoring agents are applied by one of the known methods such as roller application.

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13. (Amended) Apparatus for producing a film tube on a cellulose basis, which an insert reinforces, by extruding an aqueous cellulose-N-methylmorpholin-N-oxide (NMMO) solution onto the insert, with a nozzle block (7) and a spin bath (11), characterized in that a supply roll (2) for the insert (3), a deflector roll (4), and a forming section (5) in which the insert (3) is formed into a tube (6) with overlapping longitudinal seam, are present, that a preheating system (15) for the tube (6) is disposed ahead of the nozzle block (7), that the preheating system (15) is connected by hot air ducts (22, 23) and an exhaust duct (24) to a controllable heater (17) from which air heated in the circuit flows into the preheating system (15) and from which cooled air flows back into the heater (17), and that the tube (6) passes through the nozzle block (7) which is preceded by a cementing system (25) for cementing the longitudinal seam and which contains an annular nozzle (21) from whose nozzle gap the cellulose-NMMO solution is applied to the tube (6) preheated to the temperature of the extrusion solution for the formation of the film tube (10).

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15. (Amended) Apparatus for the production of a film tube according to claim 13, characterized in that, after the drawing of the insert (3) from the supply roll (2) an applicator system (39) is provided by which additives, such as emulsifiers, wetting agents and/or anchoring means can be applied to the insert and dried in the following hot open air section.
